

Special Issue

Quality Evaluation and Functional Food Development of Cereals, Pseudocereals and Pulse Products

Message from the Guest Editors

In the recent decades, consumer expectations in the field of food production have changed considerably. Modern consumers are increasingly demanding food with a high qualitative standard which arises from the use of high-quality raw materials. Moreover, today, foods are not only intended to satisfy hunger and provide the needed nutrients but also to prevent nutrition-related diseases and improve physical and mental wellbeing. In this regard, cereals, pseudocereals, and pulses, representing the most important agricultural products for human and animal nutrition worldwide, play an outstanding role. These crops and their products are important staple foods, providing essential nutrients and bioactive compounds, and can be easily functionalized. Therefore, considering the high interest in quality assessment and development of functional foods from cereals, pseudocereals, and pulses as an emerging challenge for modern food industries, this Special Issue will cover a wide variety of related areas, with the aim of contributing to the overall knowledge of different quality aspects, such as physical–chemical, rheological, technological, microbiological, and sensorial aspects.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)



Plants

an Open Access Journal
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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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